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7.17.03**CERTIFICATE OF MAILING**

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Danielle Prouty [Signature]**PATENT****Attorney Docket No. 22488-712****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application)

PATENT APPLICATION

Inventor(s): Danher Wang)

Art Unit: 1645

Application No.: 10/003,035)

Examiner: Unassigned

Filed: November 1, 2001)

Title Genetic Vaccine Against Human
Immunodeficiency Virus)**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

- ☐ a certification as specified in §1.97(e) is provided below; or
- ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 22488-712).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Dated: May 21, 2003

By: Shirley Chen

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INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 22488-712		SERIAL NO. 10/003,035		
		APPLICANT D. Wang				
		FILING DATE 11/1/01		GROUP 1645		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	WO 97/39771	10/30/97	PCT			<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
1	Bruce, Christine B., et al., "Replication-deficient recombinant adenoviruses expressing the human immunodeficiency virus Env antigen can induce both humoral and CTL immune response in mice", <i>Journal of General Virology</i> , June 8, 1999, Vol. 80, pp. 2621-2628.					
	He, Xiao-Song, et al., "Construction of adenoviral and retroviral vectors coexpressing the genes encoding the hepatitis B surface antigen and B7-1 protein", <i>GENE</i> , 1996, Vol. 175, pp. 121-125.					
2	Dewar, Robin L., et al., "Synthesis and Processing of Human Immunodeficiency Virus Type 1 Envelope Proteins Encoded by a Recombinant Human Adenovirus", <i>Journal of Virology</i> , Jan. 1989, Vol. 63, No. 1, pp. 129-136.					
	Natuk, R.J., et al., "Recombinant Vectors in Vaccine Development", <i>Adenovirus Vectored Vaccines</i> , 1994, Vol. 82, pp. 71-77.					
	Shiver, John W., et al., "Replication-incompetent adenoviral vaccine vector elicits effective anti-immunodeficiency-virus immunity", <i>Nature</i> , January 17, 2002, Vol. 415, pp. 331-335.					
3	Gorziglia, Mario I., et al., "Generation of an Adenovirus Vector Lacking E1, E2a, E3, and All of E4 except Open Reading Frame 3", <i>Journal of Virology</i> , July 1999, Vol. 73, No. 7, pp. 6048-6055.					
	Braciak, T.A., et al., "Recombinant adenovirus vectors expressing interleukin-5 and -6 specifically enhance mucosal immunoglobulin A responses in the lung", <i>Immunology</i> , July 2000, Vol. 101, pp. 388-396.					
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant